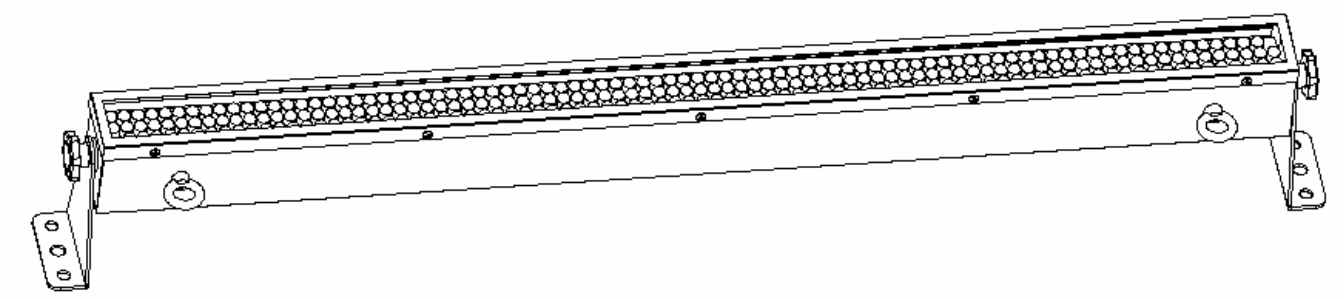
IRDW-12561A4-00D-12

User Manual



Please read this manual before your use and keep it for your future reference.

Note:

Please use to avoid any caustic and resolvable chemistry for the fixture. The operation temperature is below 40℃，humidity is 0~95％. If you use it out of this range, the fixture will be shorten the lifespan.

Indoor use only

Caution:

Please must use the same input voltage as per our instruction. Voltage in ±10％ is allowed.

If there is any problems for the fixture, please call the engineer for repair. Do not open the fixture by yourself.

Technical Specification：

1.Votage: 220-240V 50HZ

2.Power: 23W

3.Fuse：1A/250V

4.Light Source: ¢10 RGBA LED each 64pcs

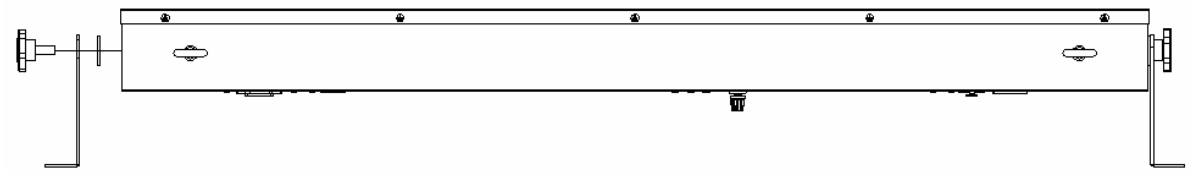
5.Fuction:DMX, Auto, Sound;Master/Alone

6.Size：L1124*W114*H161mm

7.Net Weight： 5 KG

产品外形尺寸：（单位 mm）

Product installation diagram：



Package information

- IRDW-12561A3-00D-12 LEDBarLight---------- 1pc
- User manual ----------1pc

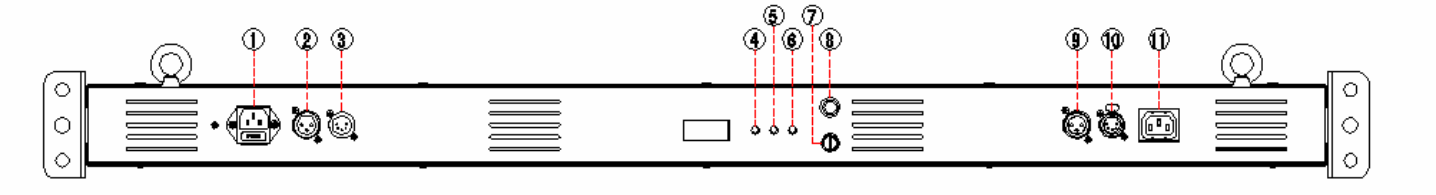
Operation Instruction：

Product introduction

IRDW-12561A4-00D-12 is a LED Wall washer with 64 each of ¢10 RGBA LED. The function are DMX, Audio and Auto, and Master / Slave linkable. It can make the color change, dimming, Strobe, Fade effect. It is easy operation, cheaper, easy installation LED

Wash, especially suitable for the wash of Home Party and Entertainment place.

Backview:

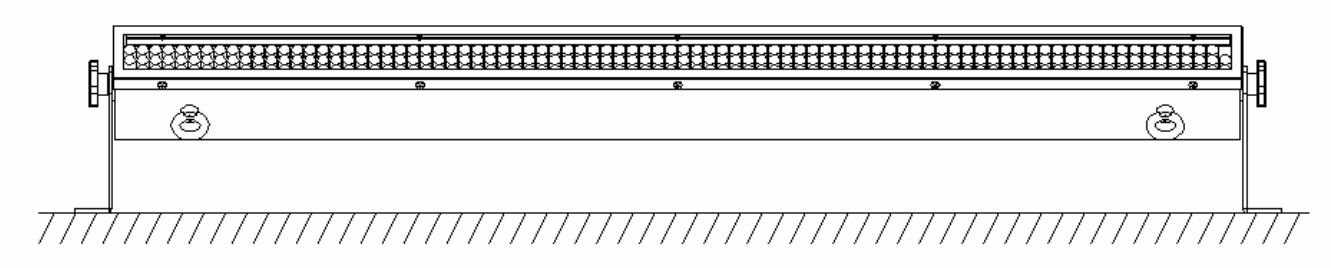


1. Power input / FUSE 2. 3P DMX Input 3. 5P DMX Input 4. UP 5.DOWN 6.MENU 7. Sensitivity 8. MIC
9. 3P DMX Output 10. 5P DMX Output 11. Power Output

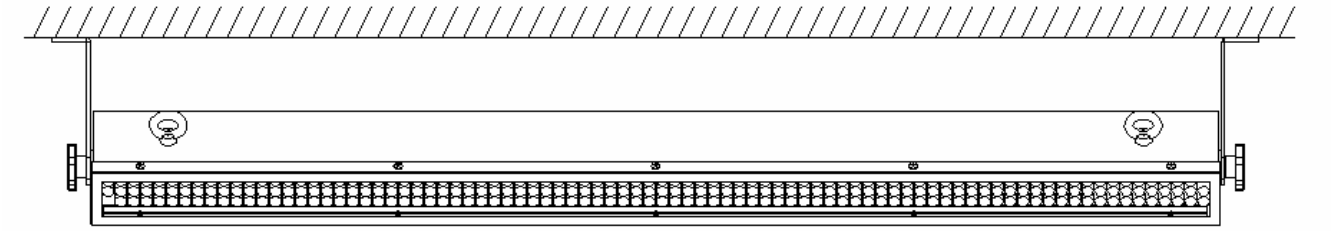
Installation:

This fixture can be putting in the flat surface or hanging on the wall or ceiling. Please insure that the screw must be fixed closely to avoid any accident occur.

a) Flat surface installation



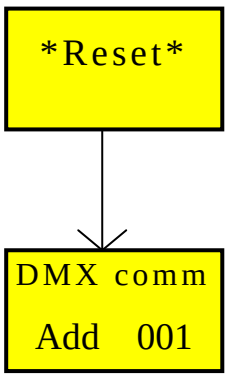
b) Hanging installation



Function:

1. Back Up

When the fixture get power, the system will be back up to the original setting. The display will show the below information. After 2 seconds, the fixture will return to your last working mode. E.G.: When you set up the mode to be DMX and the address is 1 before the power shut off, the power will show the same display.

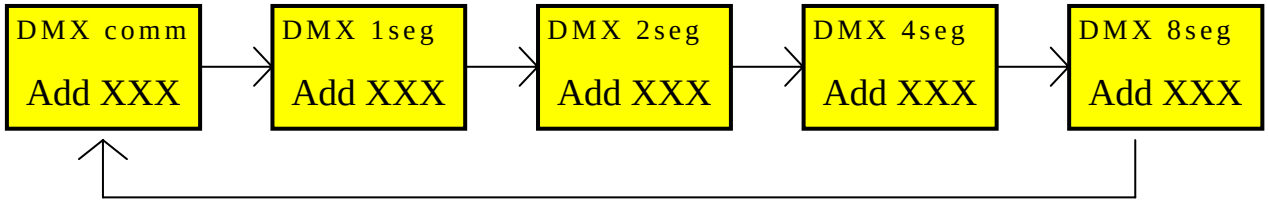


2. Mode

a) DMX mode & Address setting:

Hold the button "**MENU"** until the mode was changed to the DMX mode, loose you finger, then the working mode will be changed to the DMX mode automatically. Also you can change the DMX address to press "**UP" or** "**DOWN" Button**. If you hold the button of "**UP" or**

"**DOWN"**, then the DMX address will be changed rapidly. The address range is from 001 to 512.



Parameter Explaination:

DMX comm Add XXX(001~512):DMX working mode，address set from 001 to 512，please see the below chat.

DMX 1seg Add XXX(001~512): If the fixture control with only 1 segment, RGBA 4 colors will be match in 4 Channels accordingly, the address is from 001 to 512

DMX 2seg Add XXX(001~512): If the fixture controlled with 2 segments, there are 4 colors(RGBA) in each segment, total in 8 channels, the address is from 001 to 512.

DMX 4seg Add XXX(001~512): If the fixture controlled with 4 segments, there are 4 colors(RGBA) in each segment, total in 16 channels, the address is from 001 to 512.

DMX 8seg Add XXX(001~512): If the fixture controlled with 8 segments, there are 4 colors(RGBA) in each segment, total in 32 channels, the address is from 001 to 512.

b) 2、DMX function chart：

CH1	CH2	CH3	CH4	CH5	CH6
0~50 Black Out	NA	NA	NA	NA	NA
51~100 Dimmer	Flash	All Red	All Green	All Blue	All Ambor
101~150 Color Flash	Flash	Color	NA	NA	NA
161~200Color Change	Speed	NA	NA	NA	NA
201~255 Dream Flow	Speed	Fade	0~29 Program 1	NA	NA
			30~59 Program2		
			60~89 Program3		
			90~119 Program4		
			120~149 Program5		
			150~179 Program6		
			180~209 Program7		
			210~255 Program8		

c) DMX connector pin：

Male & Female DMX connector pin: Pin1 = Gnd Pin2 = Dmx- Pin3 = Dmx+

d) DMX Linking method：

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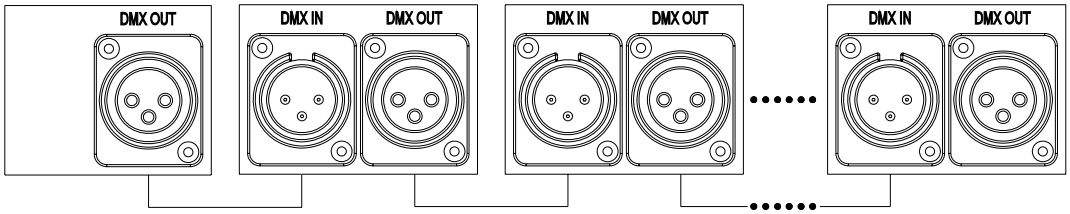
DMX Controler

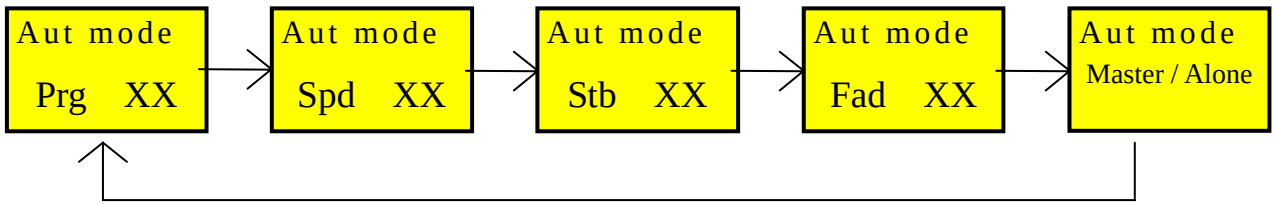


DMX Linking test：Use 3pin DMX linking cable to link the fixture accordingly. Each fixture will be setting up to DMX mode and the receipt address will set up in the same. (The address code range: 001-512). When you link the fixture at DMX mode, all of the machine will be worked synchronously.

3. Auto Mode

（I）Auto mode working:

Hold the button "**MENU"** until the mode was changed to the Auto mode, loose you finger, then the working mode will be changed to the Auto mode automatically. Press "**MENU**" button to choose the different code. Please see the picture as below, then press "**UP**" or "**DOWN**" button to change the code. If you hold the button "**UP**" or "**DOWN**" button, the code will be changed rapidly.



Code specification:

Prg XX(01~09): Choose the internal program. There are 9 internal program for your choice.

Spd XX(01~10): Choose the speed of the internal program. There are 10 speed steps for your choice. 01 is the fastest speed and 10 is the slowest speed.

Stb XX(00~10): Choose the Strobe steps of the internal program.

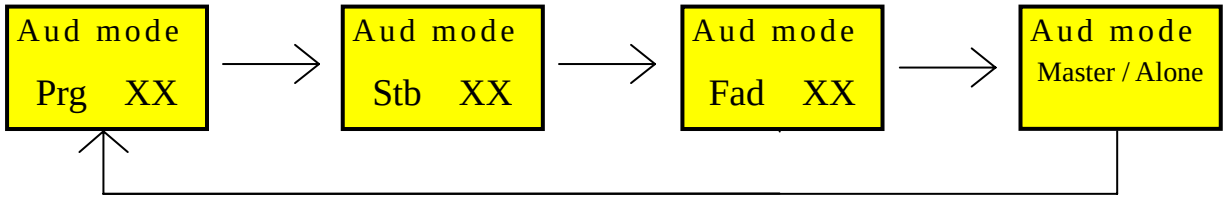
Fad XX(00~10): Choose the fade term of the internal program. There are 10 fade steps for your choice. 01 is the fastest fade and 10 is the slowest fade.

Master/Alone: Choose "Master" please press "UP". Choose "Alone" please press "DOWN". In Master state the Master can be sent data as the master. While in the Alone state, it works independently, will not send any data.

Note: **Note**: If you set up the strobe and fade together, the flash will be in the priority. If the Stb is not 0, Even Fad is not 0, the fixture will run the flash not fade program.

（II） Sound Control:

Hold the button "**MENU"** until the mode was changed to the **Audio** mode, loose you finger, then the working mode will be changed to the Audio mode automatically. Press "**MENU**" to change the code as below, then press "**UP**" or "**DOWN**" button to change the code. If you hold the button "**UP**" or "**DOWN**" to change the code rapidly.



Code specification:

Prg XX(01~09): Choose the internal program. There are 9pcs internal programs.

Stb XX(01~10): Choose the Strobe steps of the internal program.

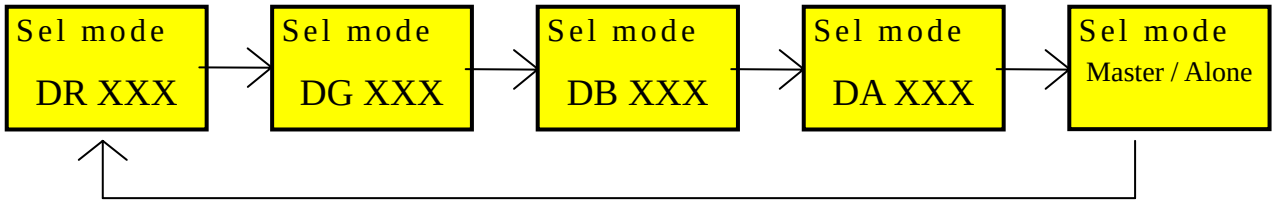
Fad XX(01~10): Choose the fade term of the internal program. There are 10 fade steps for your choice. 01 is the fastest fade and 10 is the slowest fade.

Master/Alone: Choose "Master" please press "UP". Choose "Alone" please press "DOWN". In Master state it can sent the data as the master. While in the Alone state, it works independently, will not send any data.

Note: If you set up the strobe and fade together, the flash will be in the priority. If the Stb is not 0, Even Fad is not 0, the fixture will run the flash not fade program. The audio sensitivity can be adjusted through the knob. To clockwise turn the knob, the fixture will be more sensitivity for the audio.

（II）Brightness adjustment by Manual:

Hold the button "**MENU"** until the mode was changed to the **Sel** mode, loose you finger, then the working mode will be changed to the Color mode automatically. Press "**MENU**" to change the code as below, then press "**UP**" or "**DOWN**" button to change the code. If you hold the button "**UP**" or "**DOWN**" to change the code rapidly.



Code specification:

DR XX(000~255): Red luminance setting**,** 000 is blackout , 255 is the most brightness.

DG XX(000~255): Green luminance setting,000 is blackout , 255 is the most brightness

DB XX(000~255): Blue luminance setting,000 is blackout , 255 is the most brightness

DA XX(000~255): Amber luminance setting,000 is blackout , 255 is the most brightness

Master/Alone: Choose "Master" please press "UP". Choose "Alone" please press "DOWN". In Master state it can sent the data as the master. While in the Alone state, it works independently, will not send any data.

Auto online function: The fixture under Auto, Audio or color mode, if the Master/Alone be set in Master, the fixture can run program online synchronous.

Trouble Shooting:

Problems	Check list	Trouble Shooting
The machine do not work.	1. If your power as same as the input of the machine. 2. If the fuse was broken.	1. Make sure the voltage. 2. Replace the same fuse.
LED dimmed	If your power us same as the input of the machine.	Make sure the voltage input.
No Audio	1.If it is in Audio mode. 2.If Audio sensitivity is weak.	1. Change to audio mode. 2. Adjust the sensitivity clockwise to enlarge the audio signal reception.
No DMX input	1. If the polarity is opposited in the DMX controller. 2. If it is in DMX mode.	1. Correct the DMX polarity. 2. Change to the DMX mode.